

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

PATENT APPLICATION

APPLICANT(S): Urs Bapst
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**ASSIGNEE
NAME:** International Business
Machines Corporation

**ASSIGNEE
RESIDENCE:** Armonk, New York

TITLE: **CIRCUIT BOARD INTEGRATED OPTICAL COUPLING
ELEMENTS**

**MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450**

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Application - 19 pages of Specification, 4 pages of Claims and 1 page of Abstract
14 Sheets of informal drawing(s)
Declaration and Power of Attorney (unexecuted)
Information Disclosure Statement with PTO-1449 and Cited References (2)
Associate Power of Attorney

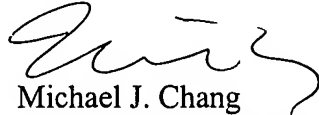
CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	23 - 20 =	3	x \$18 =	\$ 54
Independent Claims	2 - 3 =	0	x \$86 =	\$ 0
Multiple Dependent Claim(s), if applicable			\$ 290 =	\$ 0
Basic Fee				\$770
TOTAL FEE:				\$824

Please file the application and charge **International Business Machines Corporation's Deposit Account No. 50-0510** the amount of \$824 to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **International Business Machines Corporation's Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

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I hereby certify that this paper is being deposited with the U. S. Postal
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C.F.R. §1.10 on the date indicated below and is addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
Signature: [Signature] Date: February 10, 2004

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 1300 Post Road, Suite 205, Fairfield, CT 06824**. Telephone calls should be made to the under-signed attorney at (203) 255-6560.

Respectfully,

A handwritten signature in black ink, appearing to read "Michael J. Chang", written over the printed name.

Michael J. Chang
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Date: February 10, 2004